

10/018998
531 Rec'd PCT/JP 26 DEC 2001

217325US

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF: :
HIROYASU SANO :
SERIAL NO: NEW U.S. PCT APPLN. : ATTN: APPLICATION BRANCH
(Based on PCT/JP01/03365)
FILED: HEREWITH :
FOR: SPECTRUM SPREAD RECEIVER

PRELIMINARY AMENDMENT

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

Prior to a first examination on the merits, please amend the above-identified
application as follows:

IN THE SPECIFICATION

Please amend the specification as shown in the marked-up copy attached to read as
follows:

Please replace the paragraph at page 12, line 20, to page 13, line 9, with the following
text:

In the above-mentioned spectrum spread receiver, the path detection unit comprises: a
plurality of beam generating units (corresponding to a plurality of beams generating section
141) which generate a plurality of beams required for covering areas that are the service
areas; a path power normalizing unit (corresponding to path detectors 200, 210 and 220 on
the basis of a beam) which detects all the paths having power values not less than a

predetermined threshold value on the basis of a beam, and for normalizing the power value that has been detected based upon the interference power calculated for each of the beams; and a path selection unit (corresponding to a pass selector 330) which selects a predetermined number of paths among the paths that have been detected in a descending order from the biggest power value.

IN THE CLAIMS

Please amend the claims as shown in the marked-up copy attached to read as follows:

3. (Amended) The spectrum spread receiver according to claim 1, wherein the path detection unit comprises:

a plurality of beam generating units which generate a plurality of beams required for covering areas that are service areas;

a path power normalizing unit which detects all the paths having power values not less than a predetermined threshold value on the basis of a beam, and for normalizing the power value that has been detected based upon the interference power calculated for each of the beams; and

a path selection unit which selects a predetermined number of paths among the paths that have been detected in a descending order from the biggest power value.--

IN THE DRAWINGS

Approval of the attached replacement pages for Figures 1, 2, 5, 6, and 7 is hereby respectfully requested.

REMARKS

Favorable consideration of this application, as presently amended, is respectfully requested.

The present preliminary amendment is submitted to correct for a minor informality in the specification at page 12, line 3, and in Claim 3 by now more properly reciting a "power path normalizing unit".

Further, filed with the present response is a Letter Requesting Approval of Substitute Figures 1, 2, 5, 6, and 7. The new figures are submitted to more clearly recite some of the terms within the elements. For example, new Figure 1 now recites for element 140 the term "Path Detector" rather than "Path Detection", for element 172 new Figure 1 now recites a "Normalizing Section" rather than a "Normalization". Similar changes are made in each of the above-noted figures.

The present application is believed to be in condition for a full and thorough examination on the merits. An early and favorable consideration of the present application is hereby respectfully requested.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.



Gregory J. Maier
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Attorney of Record
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26 DEC 2001

217325US

Marked-Up Copy

Serial No:

Amendment Filed on:

12-26-01

IN THE SPECIFICATION

Please amend the specification as follows:

Please replace the paragraph beginning at page 12, line 20, with the following text:

--In the above-mentioned spectrum spread receiver, the path detection unit comprises:
a plurality of beam generating units (corresponding to a plurality of beams generating section 141) which generate a plurality of beams required for covering areas that are the service areas; a path [detection] power normalizing unit (corresponding to path detectors 200, 210 and 220 on the basis of a beam) which detects all the paths having power values not less than a predetermined threshold value on the basis of a beam, and for normalizing the power value that has been detected based upon the interference power calculated for each of the beams; and a path selection unit (corresponding to a pass selector 330) which selects a predetermined number of paths among the paths that have been detected in a descending order from the biggest power value.--

IN THE CLAIMS

Please amend the claims as follows:

--3. (Amended) The spectrum spread receiver according to claim 1, wherein the path detection unit comprises:

a plurality of beam generating units which generate a plurality of beams required for covering areas that are service areas;

a path [detection] power normalizing unit which detects all the paths having power values not less than a predetermined threshold value on the basis of a beam, and for normalizing the power value that has been detected based upon the interference power calculated for each of the beams; and

a path selection unit which selects a predetermined number of paths among the paths that have been detected in a descending order from the biggest power value.--

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DOCKET NO. 217325US

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF:

HIROYASU SANO : ATTN: APPLICATION BRANCH

SERIAL NO: NEW U.S. PCT APPLN
(Based on PCT/JP01/03365)

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FOR: SPECTRUM SPREAD RECEIVER

LETTER REQUESTING ENTRY OF SUBSTITUTE DRAWINGS

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, DC 20231

SIR:

Please review the attached substitute Figures 1, 2, 5, 6, and 7, for entry as a replacement for the originally filed Figures 1, 2, 5, 6, and 7, in the above-identified application.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

Gerard Labar

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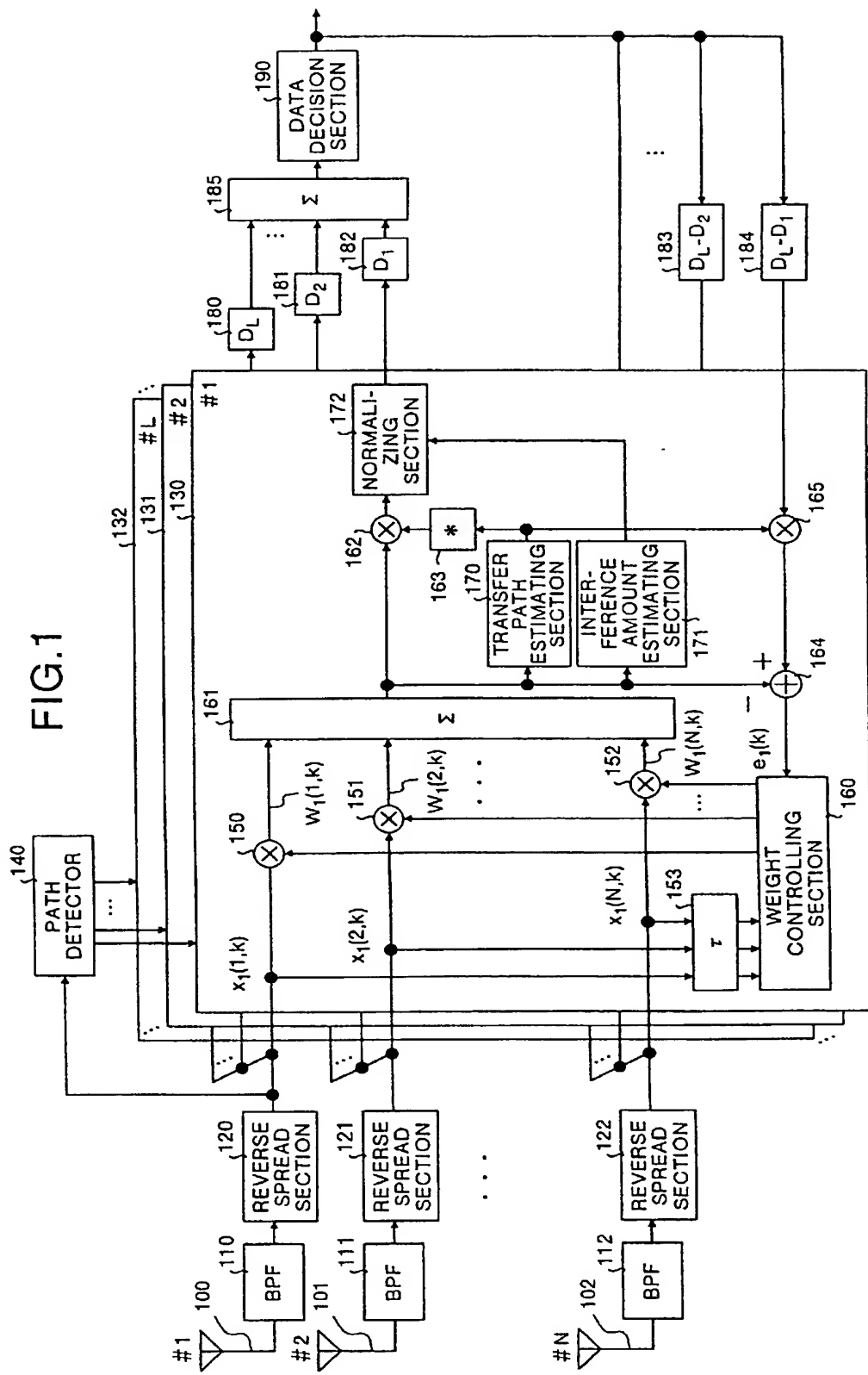


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FIG.1



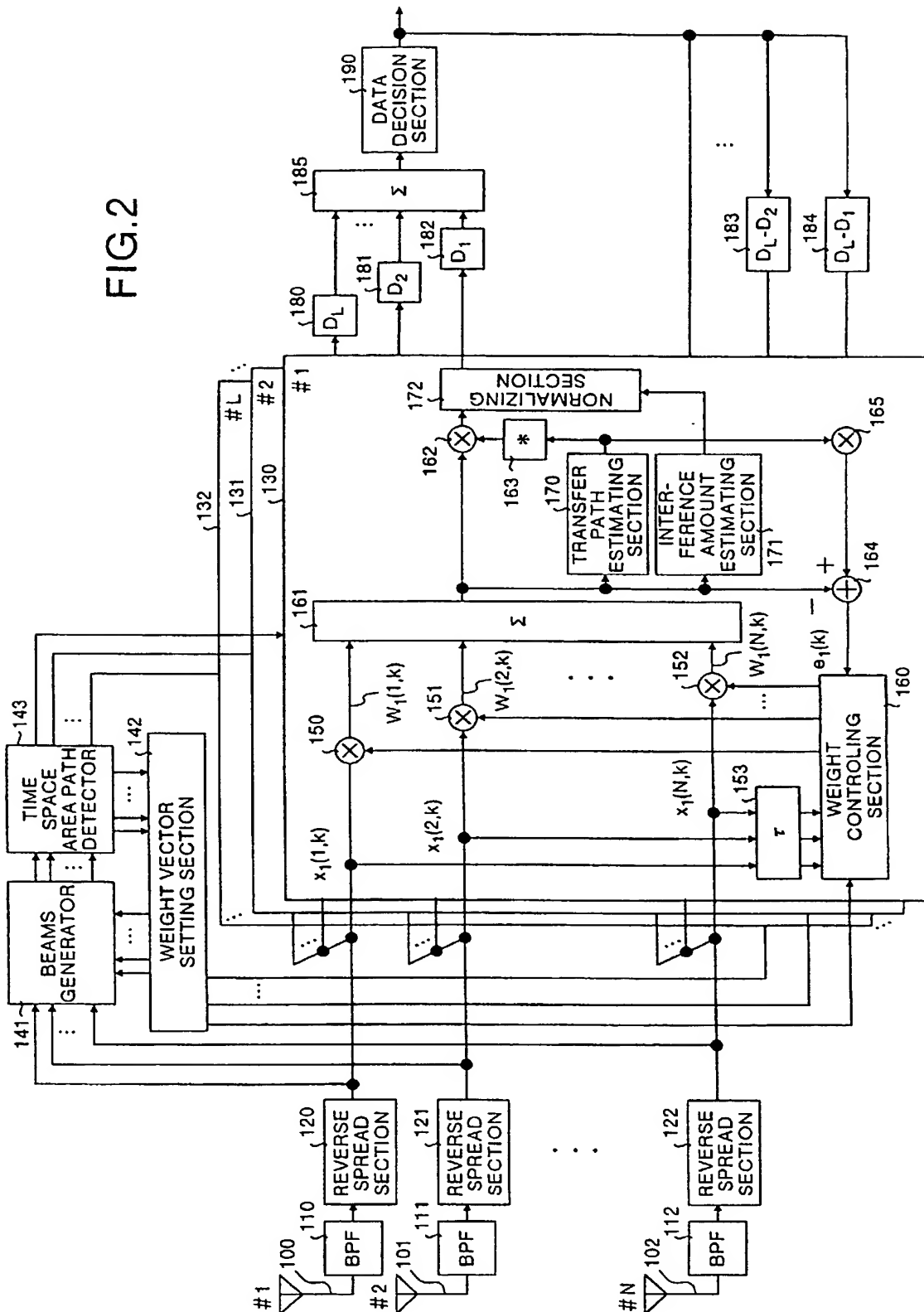
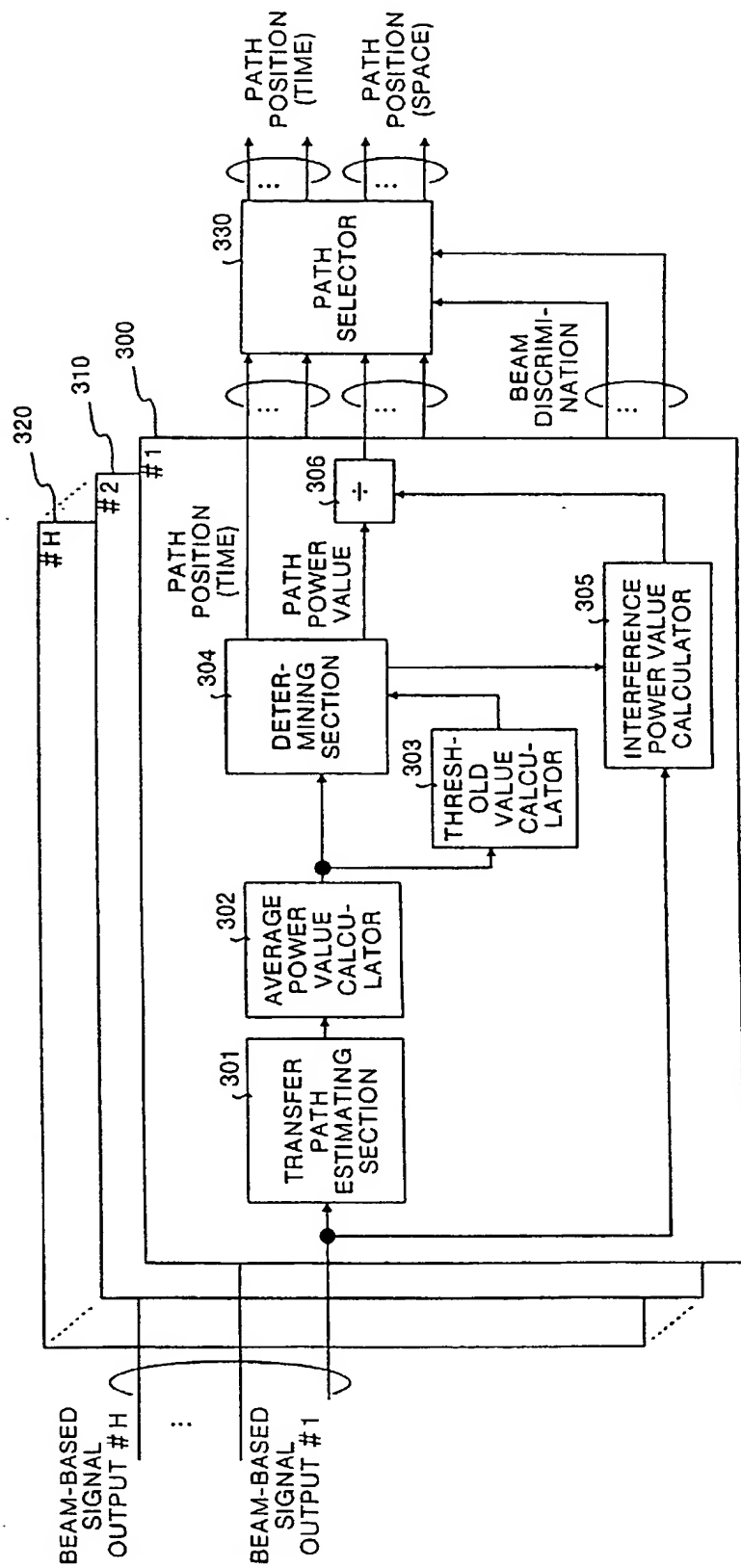


FIG.5



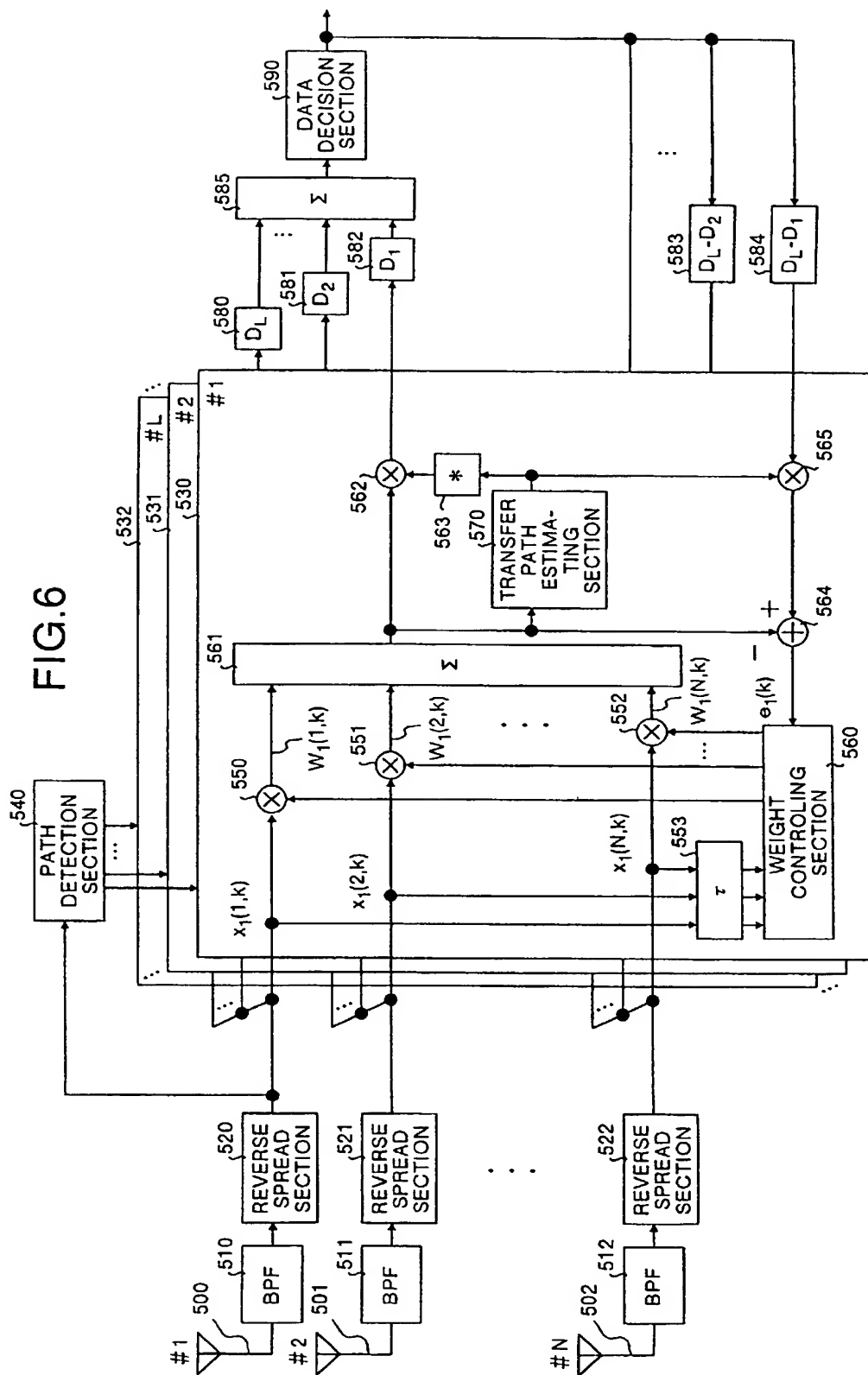


FIG. 7

